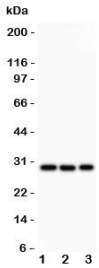
CSEN Antibody (R31396)

Catalog No.	Formulation	Size
R31396	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	Q9Y2W7
Applications	Western blot: 0.5-1ug/ml
Limitations	This CSEN antibody is available for research use only.



Western blot testing of CSEN antibody and Lane 1: HeLa; 2: U87; 3: SHG-44 lysate. Predicted/observed molecular weight: ~29kDa.

Description

Calsenilin (CSEN) is a calcium-dependent transcriptional repressor that is highly expressed in central nervous system, thyroid gland, testis, thymus, and immune cells. The KCNIP3 gene encodes a member of the family of voltage-gated potassium(Kv) channel-interacting proteins, which belong to the neuronal calcium sensor family of proteins. Calsenilin functions as a calcium-regulated transcriptional repressor, and interacts with presenilins. KCNIP3-regulated genes have a critical function in Ig subclass production and proliferation in B lymphocytes. It has been shown to interact with PSEN1 and PSEN2.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the CSEN antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the N-terminus of human Calsenilin (MQPAKEVTKASDGSLL) was used as the immunogen for this CSEN antibody.

Storage

After reconstitution, the CSEN antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Copyright © NSJ Bioreagents. All rights reserved.